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<110> Bougueleret, Lydie

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(GGPPS) and Polymorphic Markers Associated With Said Nucleic
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<151> 1998-07-23

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 Met Glu Lys Thr Gln Glu Thr Val Gln
 1 5
 aga att ctt cta gaa ccc tat aaa tac tta ctt cag tta cca ggt aaa ... 159
 Arg Ile Leu Leu Glu Pro Tyr Lys Tyr Leu Leu Gln Leu Pro Gly Lys
 10 15 20 25
 caa gtg aga acc aaa ctt tca cag gca ttt aat cat tgg ctg aaa gtt ... 207
 Gln Val Arg Thr Lys Leu Ser Gln Ala Phe Asn His Trp Leu Lys Val
 30 35 40
 cca gag gac aag cta cag att att att gaa gtg aca gaa atg ttg cat ... 255
 Pro Glu Asp Lys Leu Gln Ile Ile Ile Glu Val Thr Glu Met Leu His
 45 50 55
 aat gcc agt tta ctc atc gat gat att gaa gac aac tca aaa ctc cga ... 303
 Asn Ala Ser Leu Leu Ile Asp Asp Ile Glu Asp Asn Ser Lys Leu Arg
 60 65 70
 cgt ggc ttt cca gtg gcc cac agc atc tat gga atc cca tct gtc atc ... 351
 Arg Gly Phe Pro Val Ala His Ser Ile Tyr Gly Ile Pro Ser Val Ile
 75 80 85
 aat tct gcc aat tac gtg tat ttc ctt ggc ttg gag aaa gtc tta acc ... 399
 Asn Ser Ala Asn Tyr Val Tyr Phe Leu Gly Leu Glu Lys Val Leu Thr
 90 95 100 105
 ctt gat cac cca gat gca gtg aag ctt ttt acc cgc cag ctt ttg gaa ... 447
 Leu Asp His Pro Asp Ala Val Lys Leu Phe Thr Arg Gln Leu Leu Glu
 110 115 120
 ctc cat cag gga caa ggc cta gat att tac tgg agg gat aat tac act ... 495
 Leu His Gln Gly Gln Gly Leu Asp Ile Tyr Trp Arg Asp Asn Tyr Thr
 125 130 135
 tgt ccc act gaa gaa gaa tat aaa gct atg gtg ctg cag aaa aca ggt ... 543
 Cys Pro Thr Glu Glu Glu Tyr Lys Ala Met Val Leu Gln Lys Thr Gly
 140 145 150
 gga ctg ttt gga tta gca gta ggt ctc atg cag ttg ttc tct gat tac ... 591
 Gly Leu Phe Gly Leu Ala Val Gly Leu Met Gln Leu Phe Ser Asp Tyr
 155 160 165
 aaa gaa gat tta aaa ccg cta ctt aat aca ctt ggg ctc ttt ttc caa ... 639
 Lys Glu Asp Leu Lys Pro Leu Leu Asn Thr Leu Gly Leu Phe Phe Gln
 170 175 180 185
 att agg gat gat tat gct aat cta cac tcc aaa gaa tat agt gaa aac ... 687
 Ile Arg Asp Asp Tyr Ala Asn Leu His Ser Lys Glu Tyr Ser Glu Asn
 190 195 200
 aaa agt ttt tgt gaa gat ctg aca gag gga aag ttc tca ttt cct act ... 735
 Lys Ser Phe Cys Glu Asp Leu Thr Glu Gly Lys Phe Ser Phe Pro Thr
 205 210 215
 att cat gct att tgg tca agg cct gaa agc acc cag gtg cag aat atc ... 783
 Ile His Ala Ile Trp Ser Arg Pro Glu Ser Thr Gln Val Gln Asn Ile
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Leu Arg Gln Arg Thr Glu Asn Ile Asp Ile Lys Lys Tyr Cys Val His
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Tyr Leu Glu Asp Val Gly Ser Phe Glu Tyr Thr Arg Asn Thr Leu Lys
250                255                260                265
gag ctt gaa gct aaa gcc tat aaa cag att gat gca cgt ggt ggg aac      927
Glu Leu Glu Ala Lys Ala Tyr Lys Gln Ile Asp Ala Arg Gly Gly Asn
                270                275                280
cct gag cta gta gcc tta gta aaa cac tta agt aag atg ttc aaa gaa      975
Pro Glu Leu Val Ala Leu Val Lys His Leu Ser Lys Met Phe Lys Glu
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Glu Asn Glu *
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atcatcggtg aactattagc tttgaagttt aaatcca atg gag aag act caa gaa    235
Met Glu Lys Thr Gln Glu
1 5
aca gtc caa aga att ctt cta gaa ccc tat aaa tac tta ctt cag tta    283
Thr Val Gln Arg Ile Leu Leu Glu Pro Tyr Lys Tyr Leu Leu Gln Leu
10 15 20
cca ggt aaa caa gtg aga acc aaa ctt tca cag gca ttt aat cat tgg    331
Pro Gly Lys Gln Val Arg Thr Lys Leu Ser Gln Ala Phe Asn His Trp
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ctg aaa gtt cca gag gac aag cta cag att att att gaa gtg aca gaa    379
Leu Lys Val Pro Glu Asp Lys Leu Gln Ile Ile Ile Glu Val Thr Glu

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aaa ctc cga cgt ggc ttt cca gtg gcc cac agc atc tat gga atc cca			475
Lys Leu Arg Arg Gly Phe Pro Val Ala His Ser Ile Tyr Gly Ile Pro			
75	80	85	
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Ser Val Ile Asn Ser Ala Asn Tyr Val Tyr Phe Leu Gly Leu Glu Lys			
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gtc tta acc ctt gat cac cca gat gca gtg aag ctt ttt acc cgc cag			571
Val Leu Thr Leu Asp His Pro Asp Ala Val Lys Leu Phe Thr Arg Gln			
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Leu Leu Glu Leu His Gln Gly Gln Gly Leu Asp Ile Tyr Trp Arg Asp			
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Ser Asp Tyr Lys Glu Asp Leu Lys Pro Leu Leu Asn Thr Leu Gly Leu			
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200	205	210	
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Phe Pro Thr Ile His Ala Ile Trp Ser Arg Pro Glu Ser Thr Gln Val			
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Gln Asn Ile Leu Arg Gln Arg Thr Glu Asn Ile Asp Ile Lys Lys Tyr			
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Thr Leu Lys Glu Leu Glu Ala Lys Ala Tyr Lys Gln Ile Asp Ala Arg			
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 Ile Ile Glu Val Thr Glu Met Leu His Asn Ala Ser Leu Leu Ile Asp
 50 55 60
 Asp Ile Glu Asp Asn Ser Lys Leu Arg Arg Gly Phe Pro Val Ala His
 65 70 75 80
 Ser Ile Tyr Gly Ile Pro Ser Val Ile Asn Ser Ala Asn Tyr Val Tyr
 85 90 95
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 100 105 110
 Lys Leu Phe Thr Arg Gln Leu Leu Glu Leu His Gln Gly Gln Gly Leu
 115 120 125
 Asp Ile Tyr Trp Arg Asp Asn Tyr Thr Cys Pro Thr Glu Glu Glu Tyr
 130 135 140
 Lys Ala Met Val Leu Gln Lys Thr Gly Gly Leu Phe Gly Leu Ala Val
 145 150 155 160
 Gly Leu Met Gln Leu Phe Ser Asp Tyr Lys Glu Asp Leu Lys Pro Leu
 165 170 175
 Leu Asn Thr Leu Gly Leu Phe Phe Gln Ile Arg Asp Asp Tyr Ala Asn
 180 185 190
 Leu His Ser Lys Glu Tyr Ser Glu Asn Lys Ser Phe Cys Glu Asp Leu
 195 200 205
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 Pro Glu Ser Thr Gln Val Gln Asn Ile Leu Arg Gln Arg Thr Glu Asn

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187-77.

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